ISO 13110:2025-08 (E)

Cigarettes - Determination of menthol in total particulate matter from mainstream cigarette smoke with a smoking regime according to ISO 3308 (standard smoking regime) - Gas chromatographic method

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Principle 1

5 Reagents 1

6 Apparatus 2

7 Procedure 3
7.1 Sampling 3
7.2 Test portion smoking and TPM extraction 3
7.3 Setting up the apparatus 3
7.4 Calibration of the gas chromatograph 4
7.5 Determination 4

8 Expression of results 4

9 Repeatability and reproducibility 4
9.1 Results of the 2010 ISO/TC 126 collaborative study 4
9.2 Results from the 2019 CORESTA collaborative study 5

10 Test report 5

Annex A (normative) Smoking procedure for the determination of menthol in total particulate matter from cigarette mainstream smoke 6

Annex B (normative) Precautions to be taken for the sampling 7

Annex C (informative) Example chromatogram 8

Bibliography 9